

D-Series

HiView 2MP FIXED Turret Fullcolor Camera

HV-T129 Full-color



Max. 30 fps@1080p
24/7 color imaging
Smart Warm LED Light
20 m illumination distance.
3.6 mm fixed lens (2.8 mm, 6 mm optional).
CVI/CVBS/AHD/TVI switchable.
12 VDC

Technical Specification

Camera

Image Sensor	2 MP CMOS
Max. Resolution	1920 (H) × 1080 (V)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25 s~1/100000 s NTSC: 1/30 s~1/100000 s
Min. Illumination	0.01 lux@F2.0 (Color, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>65 dB
Illumination Distance	Warm light: 20 m (65.62 ft)
Illuminator On/Off Control	Auto
Illuminator Number	1 (Warm light)
Angle Adjustment	Pan: 0°~360° Tilt: 0°~78° Rotation: 0°~360°

Lens

Lens Type		Fixed-focal			
Auto Focus		No			
Lens Mount		M12			
Focal Length		2.8 mm;3.6 mm			
Max. Aperture		F2.0			
Field of View		2.8 mm: H: 102°; V: 60°; D: 129° 3.6 mm: H: 83°; V: 48°; D: 105°			
Iris Control		Fixed			
Close Focus Distance		2.8 mm: 0.5 m (1.64 ft) 3.6 mm: 0.7 m (2.30 ft)			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	41.1 m (135.83 ft)	16.5 m (42.13 ft)	8.3 m (27.23 ft)	4.1 m (13.45 ft)
	3.6 mm	50.9 m (166.99 ft)	20.3 m (66.60 ft)	10.2 m (33.46 ft)	5.1 m (16.73 ft)

Video

Video Frame Rate	CVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; AHD: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; TVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; CVBS: PAL: 960H; NTSC: 960H
Resolution	1080p (1920 × 1080); 960H (960 × 576/960 × 480)
Day/Night	Auto(ICR)/Color/B/W
BLC	BLC; HLC; DWDR
WDR	DWDR

White Balance	Auto;Area white balance
Gain Control	Auto
Noise Reduction	3D NR
Illumination Mode	Smart IR&WL; WL Mode; IR Mode
Mirror	Yes
Privacy Masking	Off/On (8 areas, rectangle)

Certification

Certifications	CE-LVD: EN 62368-1; CE-EMC: EN 55032; EN 55035; FCC: 47 CFR FCC Part 15, Subpart B
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Port

Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Audio Input	No

Power

Power Supply	12 VDC ± 30%
Power Consumption	Max 2.6W (12 VDC, IR on)

Environment

Operating Temperature	−40 °C to +60 °C (−40 °F to +140 °F)
Operating Humidity	<95% (RH), non-condensing
Storage Temperature	−40 °C to +60 °C (−40 °F to +140 °F)
Storage Humidity	<95% (RH), non-condensing
Protection	IP67

Structure

Casing Material	Plastic
Product Dimensions	Φ97.1 mm × 93.8 mm (Φ3.82" × 3.69")
Net Weight	0.18 kg (0.40 lb)
Gross Weight	0.29 kg (0.64 lb)
Installation	Wall mount; ceiling mount; vertical pole mount